


X-RAY IMAGE PHOTOGRAPHING EQUIPMENT

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Abstract of JP2001198116

PROBLEM TO BE SOLVED: To provide a mechanism for attaching a grid for removing scattered X-rays in an X-ray image photographing equipment.

SOLUTION: This portable X-ray detecting part 31 is composed of an upper casing 32 and a lower casing 33, and a joining part of the lower casing 33 and the upper casing 32 becomes lighttight. A slit-like opening part 32a having the thickness and the width slightly larger than a grid 34 is arranged on a side surface of the upper casing 32 for inserting the grid 34 into the upper casing 32. A support plate 35 is arranged on the lower casing 33 so that an X-ray detecting sensor 36 is placed on this support plate 35. The grid 34 can be completely pulled out of the upper casing 32, and can cover the whole image area surface of the X-ray detecting sensor 36 when being completely inserted. A space 37 in the almost same interval as the thickness of the grid 34 is arranged between a surface 36a of the X-ray detecting sensor 36 and the reverse 32a of the upper casing 32 opposed to this surface 36a to insert and extract the grid 34.

